

September 21, 1977

Memo to File:

Re: Interstate Brick Company
Jim Gay Mine
Utah County, Utah
ACT/049/005

On September 13th 1977, Ron Daniels and myself inspected this open pit clay mine located just west of Utah Lake on State Highway 68. This mine consists of two (2) large trenches excavated into the Manning Canyon Shale. At this location, the formation is at a vertical to overturned inclination and the pits are developed into two (2) intervals with the interburden left as a wide wall between the parallel pits.

The eastern most pit has been excavated at a rapid pace with no benching of the sheer vertical walls. As a result of this practice, the unsupported shale beds have, in some places, toppled into the pit and separated back from the walls. A large portion of the west side of the pit has slumped into the excavation very recently. This slump has progressed backwards and probably will continue to grow and move into the pit, making future mining below it very hazardous.

The west pit has not been excavated to the depth of the other pit and no large scale wall failure was noted. The southern end of the west pit has been excavated to a deeper level in the past, but is now being filled with spoil from the active portion. This filling has not progressed as far as it could as two (2) adjacent spoil dumps could be pushed into it.

A very large amount of clay has been recently stockpiled and further mining in the near future does not appear imminent. Due to the close proximity to highway 68 and the totally open access, Interstate should fence and post warning signs around this area.

Vegetation observed was: Shooting Star, Big Sagebrush, Cheatgrass, Rabbit-brush, Halogetan, and Sunflower.

BRIAN W. BUCK
ENGINEERING GEOLOGIST

9-13-1977









